

Listing of Claims:

1. (currently amended) A ~~biometrically activated~~ device activated by biometric authentication, comprising:

a[[n]] biometric sensor ~~for obtaining~~ configured to obtain an internal physiological characteristics characteristic; and

a memory module in communication with said biometric sensor.

2. (currently amended) The ~~biometrically activated~~ device activated by biometric authentication of claim 1, wherein said biometric sensor further comprises:

an energy emitter; and

an energy sensor.

3. (currently amended) The ~~biometrically activated~~ device activated by biometric authentication of claim 2 wherein said biometric sensor further comprises an activation sensor.

4. (currently amended) The ~~biometrically activated~~ device activated by biometric authentication of claim 2 wherein said biometric sensor further comprises a[[n]] translator whereby signals received from said energy sensor are translated into a biometric profile.

5. (currently amended) The ~~biometrically activated~~ device activated by biometric authentication of claim 2 wherein said energy emitter emits energy in the form of a light wave.

6. (currently amended) The ~~biometrically activated~~ device activated by biometric authentication of claim 5 wherein said light wave is infra red light, ultraviolet light, nonvisible light, or visible light.

7. (currently amended) The ~~biometrically activated~~ device activated by biometric authentication of claim 2 wherein said energy sensor senses light waves.

8. (currently amended) The ~~biometrically activated~~ device activated by biometric authentication of claim 7 wherein said light wave is infra red light, ultraviolet light, nonvisible light, or visible light.

9. (currently amended) The ~~biometrically activated~~ device activated by biometric authentication of claim 1 wherein said memory module stores ~~at least one~~ a biometric profile.

10. (currently amended) The ~~biometrically activated~~ device activated by biometric authentication of claim 1 wherein said memory module includes code to trigger an actuator.

11. (currently amended) A ~~biometrically activated~~ device activated by biometric authentication, comprising:

an activation device;

an emitter in communication with said activation device whereby the activation device prompts the emitter to emit energy;

a sensor for receiving reflected energy emitted by said emitter, the reflected energy corresponding to an internal biometric characteristic of an individual;

a translator in communication with said sensor for converting said received energy into an electrical signal; and

a memory module in communication with said translator whereby said electrical signal is passed to said memory module.

12. (currently amended) A biometric authentication device, comprising:
- a biometric sensor constructed to sense an internal physiological characteristic of a human; and
 - a memory module operatively communicating with said sensor to store information communicated by said sensor.
13. (currently amended) The biometric authentication device of claim 12 wherein said biometric sensor comprises:
- an electromagnetic radiation emitter; and
 - an electromagnetic energy detector constructed to detect reflected electromagnetic radiation.
14. (currently amended) The biometric authentication device of claim 12 wherein said emitter emits electromagnetic radiation of a wavelength and energy level to contact an internal physiological characteristic of a human.
15. (currently amended) The biometric authentication device of claim 12, further comprising a translator, said translator in communication with said biometric sensor and said memory module, said translator operating on a signal from said biometric sensor whereby a biometric profile is created and passed to said memory module.

16. (currently amended) The biometric authentication device of claim 12, wherein said biometric sensor comprises: an energy emission component for emitting energy from said biometric sensor;

an energy receiver configured to monitor energy directed towards said receiver;
and

an activation device configured to activate said energy emission component and said energy receiver.

17. (currently amended) A ~~biometrically activated~~ card activated by biometric authentication, comprising:

a substantially planar card having a first surface and opposing second surface;

a biometric sensor integrally contained within said card, said biometric sensor configured to obtain an internal biometric characteristic of a user, said biometric sensor having an energy emitter and an energy receiver, said energy emitter embedded within said first surface of said card, said energy receiver embedded within said first surface and positioned next to said energy emitter;

an activation sensor embedded within said first surface of said card, said activation sensor in electronic communication with said biometric sensor whereby said activation sensor controls an on and an off condition of said biometric sensor;

a memory module embedded between said first surface and said second surface of said card, said memory module in communication with said biometric sensor and having capacity to store data; and

a data communicator embedded within said second surface of said card, said data communicator in communication with said memory module for communicating data to an external source.

18. (currently amended) The ~~biometrically activated~~ card activated by biometric authentication of claim 17 further comprising a data screen embedded on said first surface of said card, said data screen in communication with said memory module.

19. (currently amended) A ~~biometrically activated~~ cellular phone activated by biometric authentication, comprising:

a cellular phone having an activated state and an inactivated state controlled by an activation switch;

a biometric sensor embedded within said cellular phone, said biometric sensor having an energy transmitter and an energy receiver positioned on a surface of said cellular phone, said biometric sensor configured to obtain an internal biometric characteristic of a user;

a biometric memory module embedded within said cellular phone, said memory module in communication with said biometric sensor, said memory module in communication with said activation switch of said cellular phone.

20. (currently amended) A method of electromagnetically detecting and comparing a[[n]] unique internal human biometric marker, comprising:

generating a detection signal capable of penetrating the epidermis and being reflected from an internal human biometric marker to form a detectable reflected signal;

detecting said reflected signal;

translating said reflected signal into an electrical impulse characterized by said reflected signal;

transmitting said electrical impulse to a memory module having pre-existing stored data;

comparing said electrical impulse with said pre-existing stored data.

21. (original) A method of detecting internal biometric markers, comprising:

emitting an energy signal, said energy signal directed at a portion of a human body, at least a portion of said energy signal reflecting off of said human body;

receiving at least a portion of said emitted energy signal reflected off of said human body;

comparing said received energy signal to a pre-existing energy signal.

22. (original) The method of claim 21 wherein comparing said received energy signal comprises:

- transforming said received energy signal to a user biometric profile;
- communicating said biometric profile with a memory device having at least one stored biometric profile; and
- comparing said user biometric profile with at least one of said stored biometric profile.

23. (currently amended) A method of activating an electrical device based on biometric authentication, comprising:

- detecting an internal biometric marker of a human being;
- creating a user biometric profile based on said internal biometric marker;
- comparing said biometric profile to at least one stored biometric profile; and
- activating an electrical device if said user biometric profile matches at least one stored biometric profile.

24. (currently amended) A method for generating a coded signal comprising:

- emitting an epidermal penetrating electromagnetic radiation beam directed to an individual;
- reflecting said beam off internal ~~physiological~~ physiological ~~reflected~~ reflective matter to produce a detectable signal;
- detecting said reflected signal;
- comparing a profile ~~generating~~ generated from said reflected signal to a stored profile previously developed from said individual; and
- generating a coded signal upon a match occurring between said generated profile and said stored profile.

25. (currently amended) A method for generating a coded signal comprising:
~~non-evasively detecting unique characteristics of an internal biometric marker of an individual;~~
~~electronically producing an electronic biometric profile of said internal biometric marker~~ of an individual, said profile comprising an internal biometric characteristic of said individual, wherein said biometric marker detected non-invasively;
~~comparing said produced profile with~~
detecting an internal biometric characteristic of an individual;
determining whether said detected internal biometric characteristic corresponds to said profile of said individual; and
generating a coded signal if said determination is positive.
26. (new) A method for generating a coded signal comprising:
storing a plurality of biometric profiles, wherein each biometric profile corresponds to an individual, and wherein each biometric profile comprises an internal biometric characteristic;
detecting an internal biometric characteristic of an individual;
matching said detected internal biometric characteristic with one of said plurality of biometric profiles; and
generating a coded signal if said matching is positive, wherein said coded signal corresponds an individual associated with said matched biometric profile.
27. (new) The biometrically activated device of claim 1, wherein the internal physiological characteristic corresponds to one selected from the group consisting of a histological trait, bone density, cardiac rhythm, diacritic notch reading, blood oxygen level, capillary density, glucose level, hematocrit level, and sub-dermal layer analysis.